

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110625AR\
 Data File : FD049881.D
 Signal(s) : FID2B.ch
 Acq On : 06 Nov 2025 13:02
 Operator : YP/AJ
 Sample : PB170417BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB170417BS

Integration File: autoint1.e
 Quant Time: Nov 07 01:31:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:29:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.700	4588871	41.345 ug/ml
Spiked Amount 50.000		Recovery =	82.69%
6) S 2-Fluorobiphenyl (SURR)	8.564	3192355	40.750 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.50%
11) S ortho-Terphenyl (SURR)	11.610	6391282	45.143 ug/ml
Spiked Amount 50.000		Recovery =	90.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	3715151	33.851 ug/ml
2) T Naphthalene (C11.7)	6.035	4566726	36.752 ug/ml
3) T 2-Methylnaphthalene (...)	7.089	4547499	35.156 ug/ml
5) T Acenaphthylene (C15.06)	8.367	5461188	40.102 ug/ml
7) T Acenaphthene (C15.5)	8.664	5558711	40.777 ug/ml
8) T Flouorene (C16.55)	9.445	5895290	43.356 ug/ml
9) T Phenanthrene (C19.36)	10.844	6203736	44.863 ug/ml
10) T Anthracene (C19.43)	10.919	5646278	44.273 ug/ml
12) T Fluoranthene (C21.85)	12.658	6490744	46.673 ug/ml
13) T Pyrene (C20.8)	12.956	6529645	47.069 ug/ml
14) T Benzo[a]anthracene (C...	14.828	5896700	46.635 ug/ml
15) T Chrysene (C27.41)	14.872	6540895	49.853 ug/ml
16) T benzo[b]fluoranthene ...	16.379	5917864	45.942 ug/ml
17) T Bnezo[k]fluoranthene ...	16.415	5780324	47.488 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.759	5609053	44.789 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.124	5758023	50.034 ug/ml
20) T Dibenz[a,h]anthracene...	18.163	5561059	42.947 ug/ml
21) T Benzo[g,h,i]perylene ...	18.380	5189412	41.255 ug/ml

(f)=RT Delta > 1/2 Window

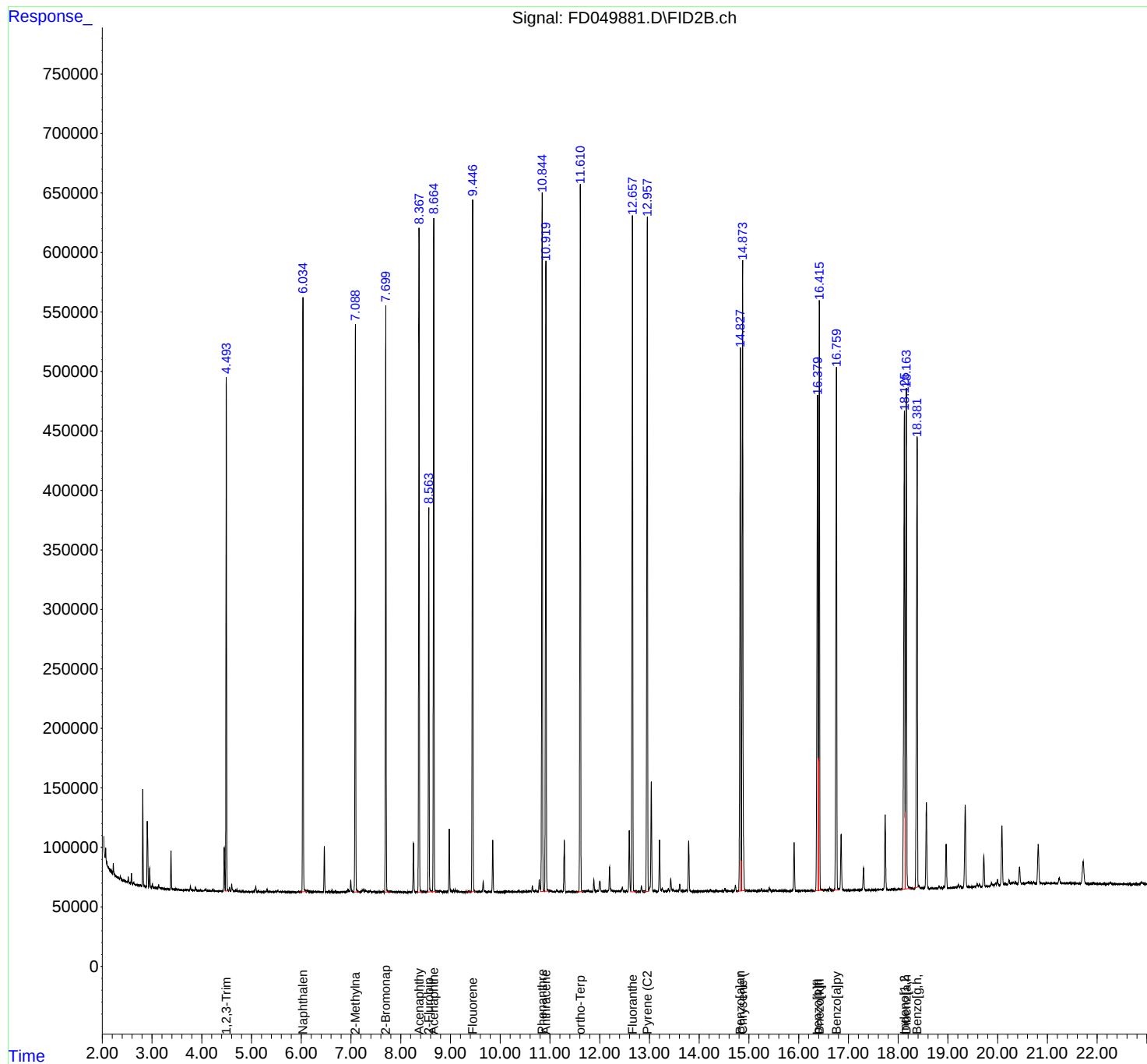
(m)=manual int.

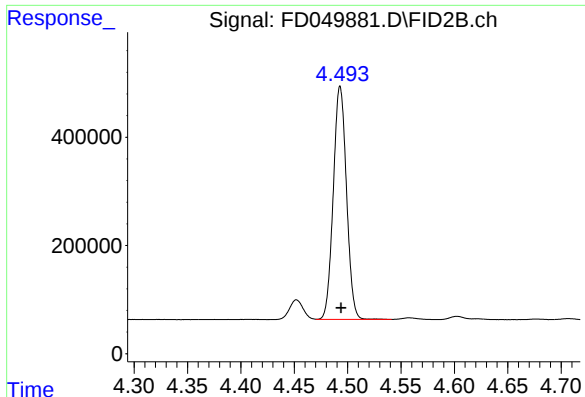
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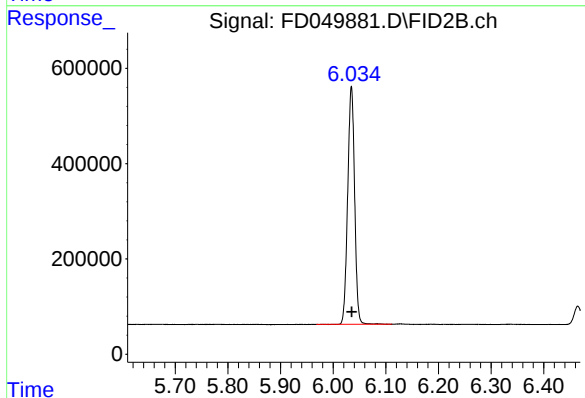




#1 1,2,3-Trimethylbenzene (C10.1)

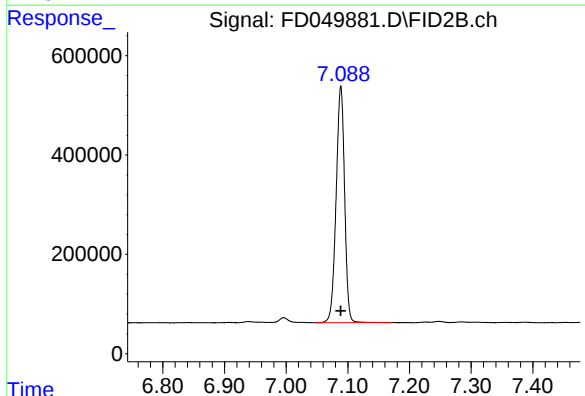
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 3715151
Conc: 33.85 ug/ml

Instrument :
FID_D
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PB170417BS



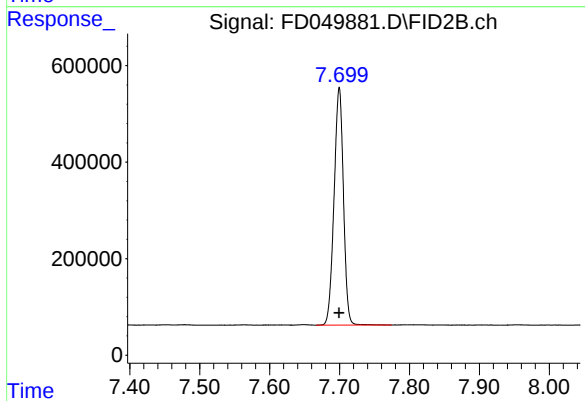
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 4566726
Conc: 36.75 ug/ml



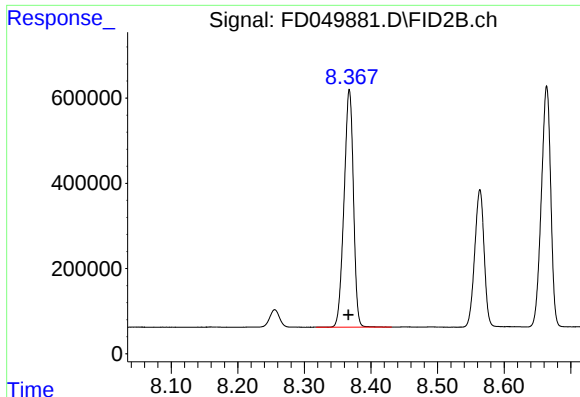
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 4547499
Conc: 35.16 ug/ml



#4 2-Bromonaphthalene (SURR)

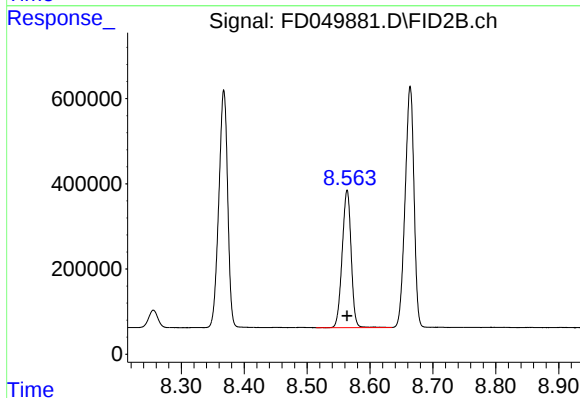
R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 4588871
Conc: 41.35 ug/ml



#5 Acenaphthylene (C15.06)

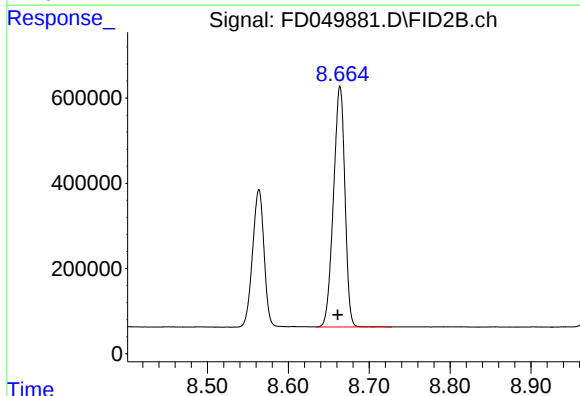
R.T.: 8.367 min
Delta R.T.: 0.001 min
Response: 5461188
Conc: 40.10 ug/ml

Instrument :
FID_D
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PB170417BS



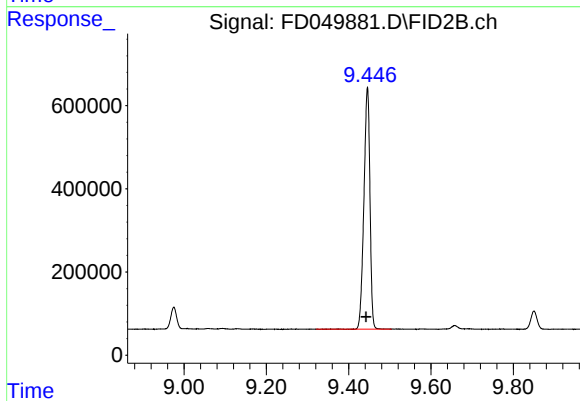
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 3192355
Conc: 40.75 ug/ml



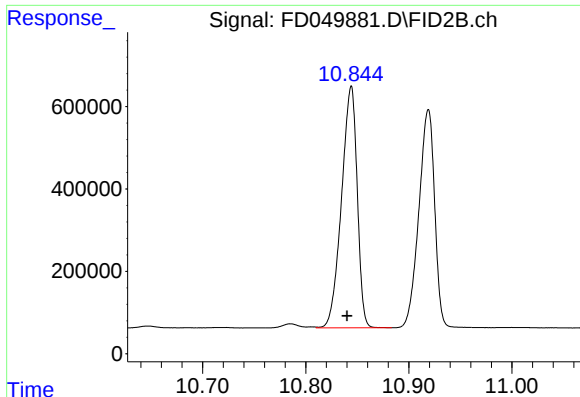
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: 0.002 min
Response: 5558711
Conc: 40.78 ug/ml



#8 Fluorene (C16.55)

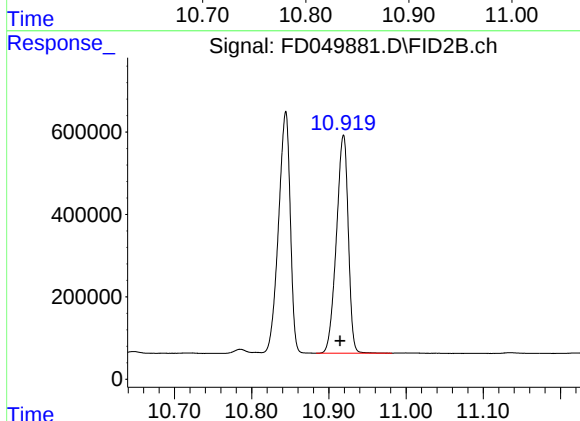
R.T.: 9.445 min
Delta R.T.: 0.003 min
Response: 5895290
Conc: 43.36 ug/ml



#9 Phenanthrene (C19.36)

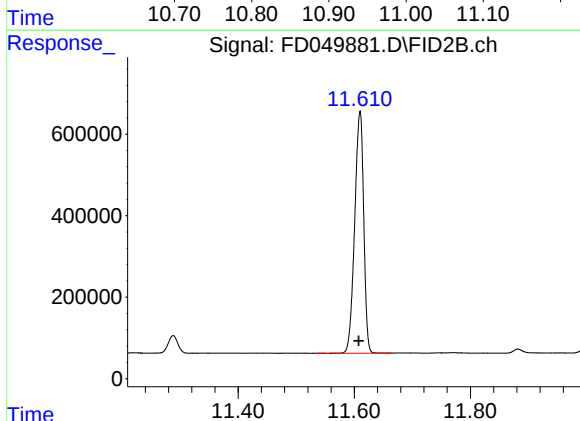
R.T.: 10.844 min
Delta R.T.: 0.003 min
Response: 6203736
Conc: 44.86 ug/ml

Instrument :
FID_D
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PB170417BS



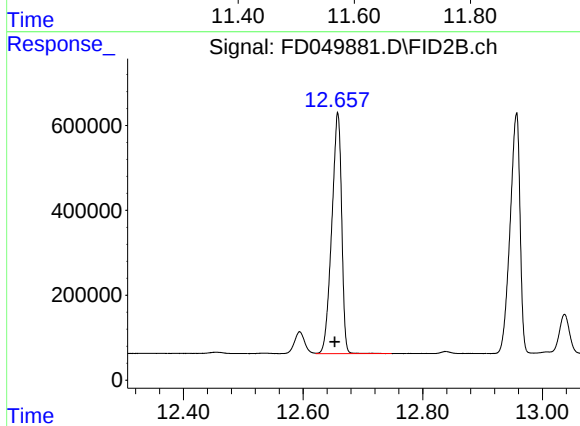
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.004 min
Response: 5646278
Conc: 44.27 ug/ml



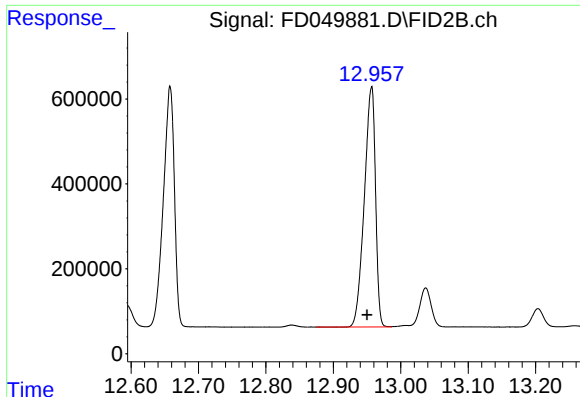
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.002 min
Response: 6391282
Conc: 45.14 ug/ml



#12 Fluoranthene (C21.85)

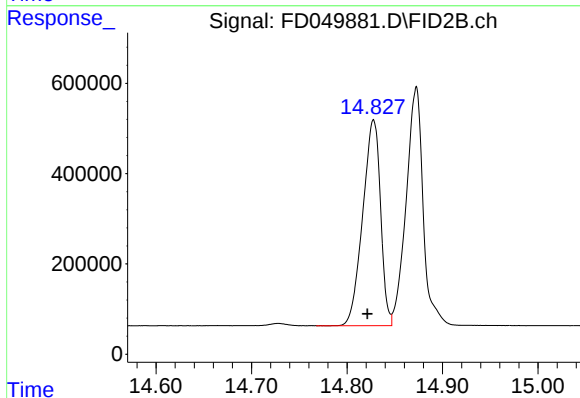
R.T.: 12.658 min
Delta R.T.: 0.005 min
Response: 6490744
Conc: 46.67 ug/ml



#13 Pyrene (C20.8)

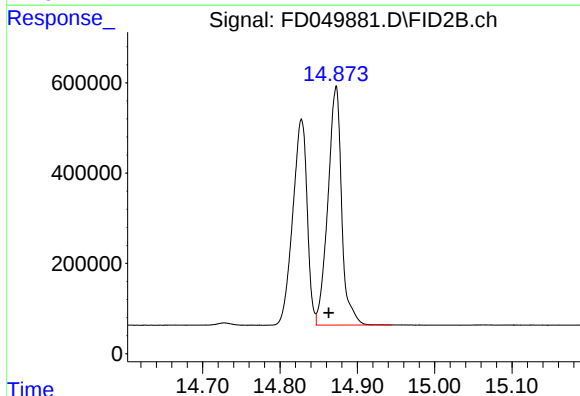
R.T.: 12.956 min
Delta R.T.: 0.006 min
Response: 6529645
Conc: 47.07 ug/ml

Instrument :
FID_D
ClientSampleId :
PB170417BS



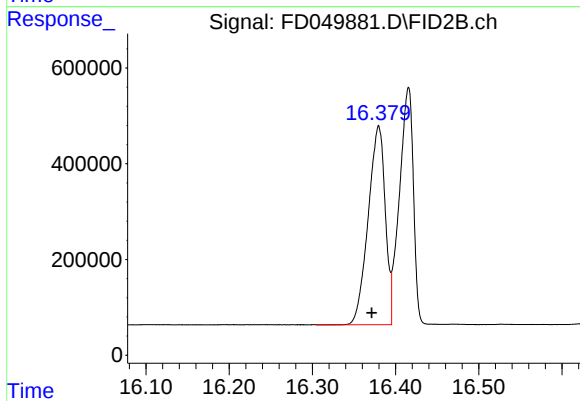
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.006 min
Response: 5896700
Conc: 46.64 ug/ml



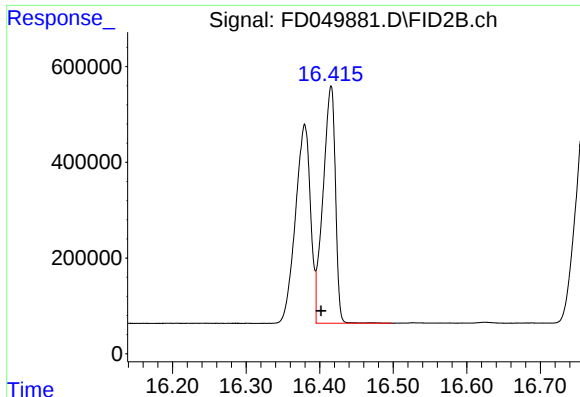
#15 Chrysene (C27.41)

R.T.: 14.872 min
Delta R.T.: 0.009 min
Response: 6540895
Conc: 49.85 ug/ml



#16 benzo[b]fluoranthene (C30.41)

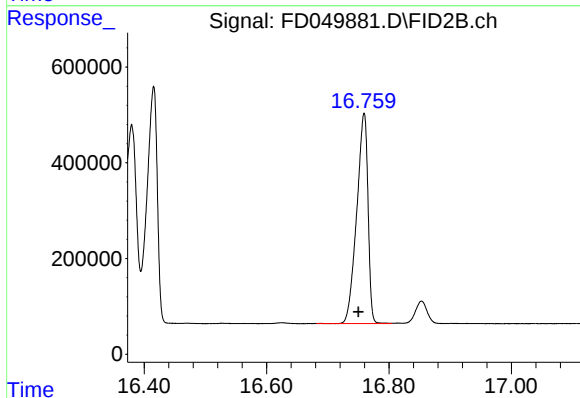
R.T.: 16.379 min
Delta R.T.: 0.008 min
Response: 5917864
Conc: 45.94 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

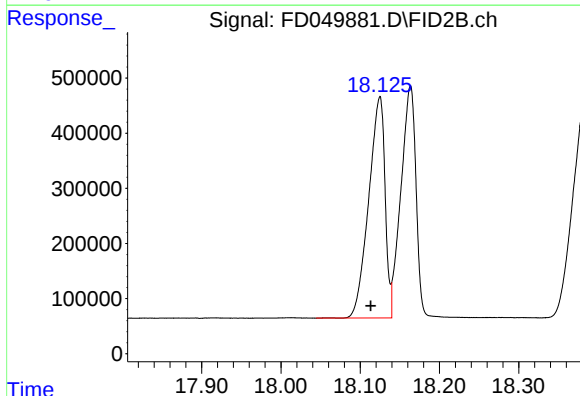
R.T.: 16.415 min
Delta R.T.: 0.013 min
Response: 5780324
Conc: 47.49 ug/ml

Instrument :
FID_D
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PB170417BS



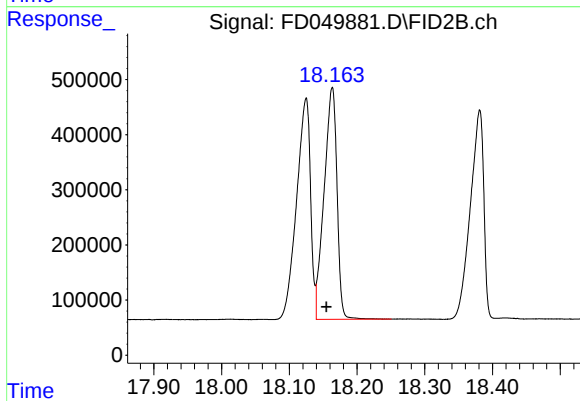
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.759 min
Delta R.T.: 0.009 min
Response: 5609053
Conc: 44.79 ug/ml



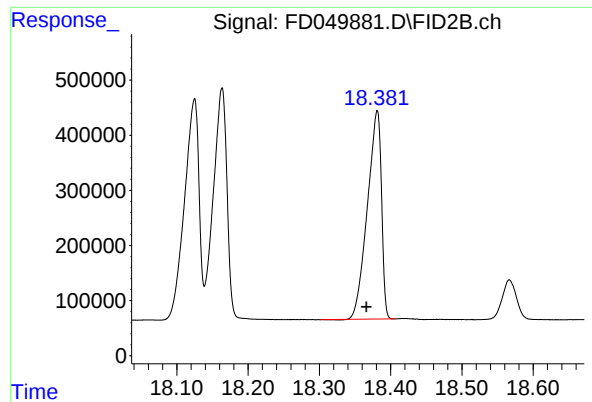
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.124 min
Delta R.T.: 0.011 min
Response: 5758023
Conc: 50.03 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.163 min
Delta R.T.: 0.008 min
Response: 5561059
Conc: 42.95 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.380 min
Delta R.T.: 0.014 min
Response: 5189412
Conc: 41.26 ug/ml

Instrument :
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PB170417BS